

Receiving Report

Date: 11/7/22

Batch No: M118400

Supplier: Truworth

Dart P/O: 14519

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☐ No ☒ N/A ☐
 QC6 Inspection 11/7/22 N/A ☐
 Work Order ☒ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
✓ M30340605		12	0	0	12	SA
M3024730032		96	0	0	96	
M3045166A		96	0	0	96	
M304B030500300		12	0	0	12	
M304B060000300		12	0	0	12	

M6061760100

Initials of receiver (if shipment OK) Level 12
 96

Production/Admin:

Date

Received/Costing

Initial

11/7/22
C

Location _____

Mee 11 Item 6.30 = 12704

I N V O I C E

No: PEC IV-571995

Date: 21Jul11

Due: 20Aug11

Sold By:

THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Remit to:

THYSSENKRUPP MATERIALS NA
c/o T27540
P.O. BOX 4275, POSTAL STATION 'A'
TORONTO, ONTARIO M5W 5V8

Sold To:

(20115)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Shipped To: (1)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Shp Dt 21Jul11	Ord Dt 19Jul11	SO No ST-351948	B/L PEC 721477
Trm NET 30 DAYS/NET 30 JOURS	PO/Ref 14519	Via VIM TRANSFER TR FOB CONCORD	
Frt PREPAID		Pb1	
Slp STAN IVERS (905-532-1350)			
=====			
1 STAINLESS STEEL ROUND BAR 303 STAINLESS		1 PCS	12 FT
.625" DIA X 144.0000"			12 LBS
MATERIAL	12 FT @	5.5500 ✓ FT	66.60
ENERGY & CAP SURCHG		25.0000 LOT	25.00

2 STAINLESS STEEL ROUND BAR 303 STAINLESS		5 PCS	60 FT
.750" DIA X 144.0000"			91 LBS
Part STOCK			
MATERIAL	60 FT @	3.8600 ✓ FT	231.60

3 STAINLESS STEEL SHEET 304-2B		6 PCS	
.0360 Nom X 48.0000" X 96.0000"			289 LBS
MATERIAL	289 LBS @	2.0500 ✓ LBS	592.45

4 STAINLESS STEEL SHEET 304-2B		2 PCS	
.0300 Nom X 48.0000" X 96.0000"			80 LBS
MATERIAL	2 PCS @	92.5000 ✓ EA	185.00

5 ALUMINUM FLAT BAR 6061-T6511		1 PCS	20 FT
.187" x 4.00" X 240.0000"			18 LBS
Part STOCK			
MATERIAL	20 FT @	1.8900 ✓ FT	37.80

6 ALUMINUM FLAT BAR 6061-T6511		1 PCS	12 FT
.625" x 2.50" X 144.0000"			22 LBS
Part STOCK			
MATERIAL	12 FT @	3.8500 ✓ FT	46.20

7 ALUMINUM FLAT BAR 6061-T6511		2 PCS	24 FT
1.00" x 4.00" X 144.0000"			113 LBS
Part STOCK			
MATERIAL	24 FT @	9.8900 ✓ FT	237.36

I N V O I C E

No: PEC IV-571995

Date: 21Jul11

Due: 20Aug11

Sold By:

THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Remit to:

THYSSENKRUPP MATERIALS NA
c/o T27540
P.O. BOX 4275, POSTAL STATION 'A'
TORONTO, ONTARIO M5W 5V8

Sold To: (20115)
DART AEROSPACE

Shipped To: (1)
DART AEROSPACE

8 ALUMINUM FLAT BAR 6061-T6511	1 PCS	12 FT
1.250" x 1.50" X 144.0000"		27 LBS
Part STOCK		
MATERIAL	12 FT @ 4.5500 ✓ FT	54.60

9 ALUMINUM SQUARE BAR 6061-T6511	1 PCS	12 FT
1.50" X 144.0000"		32 LBS
Part STOCK		
MATERIAL	12 FT @ 5.7400 ✓ FT	68.88

10 ALUMINUM FLT BAR ECONOPLT 6061-T6511	4 PCS	48 ' 2.0000 "
.500" X 12.00" X 144.5000"		339 LBS
MATERIAL	48 ' 2.0000 " @ 15.3199 ✓ FT	737.91

11 ALUMINUM PLATE 6061-T651	1 PCS	
.50" THICK X 24.0000" X 30.0000"		35 LBS
GRAIN DIRECTION TO RUN ALONG THE 30.00 DIM		
MATERIAL	1 PCS @ 142.5000 ✓ EA	142.50

Total Shipped:	25 PCS	1,058 LBS

Interest will be charged at 1.5% per month or
18% per year on overdue accounts.

*** SALES DEPT. OFFICE HOURS ***

7:30 AM TO 5:00 PM - MONDAY TO FRIDAY

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

TPS/GST TVH/HST 140223934 RT0001

TVQ - QST 1017327981 TQ0001

*****	Material	Processing	Freight	Other	Taxes	TOTAL DUE
	2,400.90			25.00	315.38	2,741.28

Taxes: ONHSTS	315.38					

Page: 2 Last



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO14519

Purchase Order Date 7/19/2011

PO Print Date 7/19/2011

Page Number 1 of 4

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
07/19/2011

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M303H0.625 037 RO	HEX BAR .625	7/22/2011 Yes	12.00 f	Yours ppd 7/19/2011	\$9.1700	\$110.04
		Special Inst:	MATERIAL: AISI 303 SS HEX BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE				
2	M303R0.625 028	303 Round Bar 0.625"	7/22/2011 Yes	12.00 f	Yours ppd 7/19/2011	\$5.5500	\$66.60
		Special Inst:	MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE				
3	M303R0.750 028	303 Round Bar 0.750	7/22/2011 Yes	60.00 f	Yours ppd 7/19/2011	\$3.8600	\$231.60
		Special Inst:	MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE				
4	M2024T3S.032 022	2024-T3 .032 sheet	7/22/2011 Yes	96.00 sf	Yours ppd	\$3.0938	\$297.00

7/19/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO14519

Purchase Order Date 7/19/2011

PO Print Date 7/19/2011

Page Number 2 of 4

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

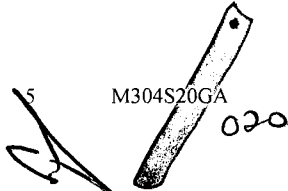
CAD

FOB

Destination-Collect

Special Inst:

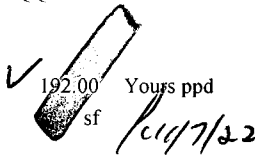
MATERIAL: 2024-T3 ALUMONUM
SHEET AS PER
QQ-A-250/4 OR AMS-QQ-A-250/4 OR
AMS 4037
OR ASTM B209



304/316 .040 Sheet

7/22/2011

Yes



Yours ppd

\$3.0857

\$592.45

Special Inst:

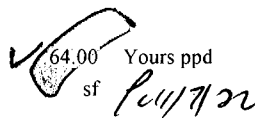
MATERIAL: AISI 304/316 SS SHEET
ANNEALED 2B FINISH
AS PER MIL-S-5059 OR AMS 5513
(304) OR
AMS 5524 (316) OR ASTM A240 OR
ASME SA240



304/316 .032 Sheet

7/22/2011

Yes



Yours ppd

\$2.9688

\$190.00

Special Inst:

MATERIAL AS ABOVE

7 M304S16GA

304/316 Sheet .063

7/22/2011

Yes

96.00

Yours ppd

\$6.6094

\$634.50

Special Inst:

MATERIAL AS ABOVE

8 M304B0.375X03.000

M304 SS bar .375 x 3.00

7/22/2011

Yes

12.00

Yours ppd

\$15.2100

\$182.52

Special Inst:

MATERIAL: AISI 304/316 SS BAR
OR AISI 304/316
SS PLATE AS PER ASTM A276 OR
ASTM A240
NOTE: AISI 303 NOT ACCEPTABLE

7/19/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO14519

Purchase Order Date 7/19/2011

PO Print Date 7/19/2011

Page Number 3 of 4

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

QTY	ITEM	DESCRIPTION	DATE	UNIT	PRICE	TOTAL
9	M304B0.625X3.000	304 BAR .625 X 3.00	7/22/2011	12.00	Yours ppd	\$23.0300
			Yes	f		\$276.36

Special Inst: MATERIAL AS ABOVE

10	M6061T6B0.187X04.000	6061-T6 Bar .187 x 4.00	7/22/2011	20.00	Yours ppd	\$1.8900
			Yes	f		\$37.80

Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-A200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

11	M6061T6B0.500X12.000	6061-T6 Bar .500 x 12.00	7/22/2011	48.00	Yours ppd	\$15.3199
			Yes	f		\$735.36

Special Inst: MATERIAL AS ABOVE

12	M6061T6B0.625X02.500	6061-T6 Bar .625 x 2.50	7/22/2011	12.00	Yours ppd	\$3.8500
			Yes	f		\$46.20

Special Inst: MATERIAL AS ABOVE

13	M6061T6B1.000X04.000	6061-T6 Bar 1.00 x 4.00	7/22/2011	24.00	Yours ppd	\$9.8900
			Yes	f		\$237.36

Special Inst: MATERIAL AS ABOVE

14	M6061T6B1.500X01.250	6061-T6 Bar 1.50 x 1.25	7/22/2011	12.00	Yours ppd	\$4.5500
			Yes	f		\$54.60

7/19/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO14519

Purchase Order Date 7/19/2011

PO Print Date 7/19/2011

Page Number 4 of 4

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst: MATERIAL AS ABOVE

15

M6061T6B1.500X01.500

6061-T6 Bar 1.50" x 1.50"

7/22/2011

Yes

12.00 Yours ppd

\$5.7400

\$68.88 ✓

Special Inst: MATERIAL AS ABOVE

16

M6061T6S.100

6061-T6 .100 Sheet

7/22/2011

Yes

96.00 Yours ppd

\$4.4959

\$431.61

Special Inst: MATERIAL: 6061-T6 / T62
ALUMINUM SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11 OR
AMS 4025/AMS 4027 OR ASTM B209

17

M6061T6B0.500X24.000

6061-T6 BAR .500" X
24.000"

7/22/2011

Yes

2.50 Yours ppd

\$57.0000

\$142.50 ✓

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62
ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-
225/8 OR AMS 4117/4128/
4115/4116 OR QQ-A-A200/8 OR AMS-
QQ-A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

SIZE OF MATERIAL: .500" X 24" X
30" GRAIN DIRECTION
ALONG 30"

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

PO Total:

\$4,335.39

Change Nbr: 2

Change Date: 7/19/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

B I L L O F L A D I N G

No: PEC 721477

Ship From:-
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 21Jul11 at 15:28 From PFW
 Probill
 Via VIM TRANSFER TRUCK
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-351948- 1 Your PO # 14519
 STAINLESS STEEL ROUND BAR 303 STAINLESS
 .625" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
9KE6	216209	12 FT	1	12

2) Our Order PEC-351948- 2 Your PO # 14519
 Part # STOCK Rel #
 STAINLESS STEEL ROUND BAR 303 STAINLESS
 .750" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
9NM1	216210	60 FT	5	91

3) Our Order PEC-351948- 3 Your PO # 14519
 STAINLESS STEEL SHEET 304-2B
 .0360 Nom X 48.0000" X 96.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
YU256037	216301	192.00 SFT	6	289

4) Our Order PEC-351948- 4 Your PO # 14519
 STAINLESS STEEL SHEET 304-2B
 .0300 Nom X 48.0000" X 96.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
YU161154	216302	64.00 SFT	2	80

5) Our Order PEC-351948- 5 Your PO # 14519
 Part # 4-6 DAYS Rel #
 STAINLESS STEEL SHEET 304-2B
 .0600 Nom X 48.0000" X 96.0000"
 THIS ITEM IS BACK ORDERED

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 /Q/GST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G

No: PEC 721477

Ship From:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Ship Date. 21Jul11 at 15:28 From PFW
Probill

Via VIM TRANSFER TRUCK

FOB CONCORD

Frt PREPAID

Route 0- 0 Manifest

Vhcle Trailer

Slp STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

Ship To: (1)

DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-351948- 6 Your PO # 14519
Part # STOCK Rel #

ALUMINUM FLAT BAR 6061-T6511

.187" x 4.00" X 240.0000"

Heat Number

2BN821

Tag No

216211

Quantity PCS

20 FT

1

Wt LBS

18

7) Our Order PEC-351948- 7 Your PO # 14519
Part # STOCK Rel #

ALUMINUM FLAT BAR 6061-T6511

.625" x 2.50" X 144.0000"

Heat Number

20684033

Tag No

216212

Quantity

12 FT

PCS

1

Wt LBS

22

8) Our Order PEC-351948- 8 Your PO # 14519
Part # STOCK Rel #

ALUMINUM FLAT BAR 6061-T6511

1.00" x 4.00" X 144.0000"

Heat Number

Z00217011

Tag No

216213

Quantity

24 FT

PCS

2

Wt LBS

113

9) Our Order PEC-351948- 9 Your PO # 14519
Part # STOCK Rel #

ALUMINUM FLAT BAR 6061-T6511

1.250" x 1.50" X 144.0000"

Heat Number

2BN751

Tag No

216214

Quantity

12 FT

PCS

1

Wt LBS

27

10) Our Order PEC-351948- 10 Your PO # 14519
Part # STOCK Rel #

ALUMINUM SQUARE BAR 6061-T6511

1.50" X 144.0000"

Heat Number

2BN893

Tag No

216215

Quantity

12 FT

PCS

1

Wt LBS

32

Page: 2Continued

Pau 7/22

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
/Q/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

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 Tel: 905 669 9444 Fax: 9057389033

Ship Date 21Jul11 at 15:28 From PFW
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 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

11) Our Order PEC-351948- 11 Your PO # 14519
 ALUMINUM FLT BAR ECONOPLT 6061-T6511
 .500" X 12.00" X 144.5000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
20812436	216216	48 ' 2.0000 "	4 ✓	339

12) Our Order PEC-351948- 12 Your PO # 14519
 ALUMINUM PLATE 6061-T651
 .50" THICK X 24.0000" X 30.0000"
 GRAIN DIRECTION TO RUN ALONG THE 30.00 DIM

Heat Number	Tag No	Quantity	PCS	Wt LBS
668573	216367	5.00 SFT	1 ✓	35

TOTAL:	Tags	PCS	LBS
	11	25	1058

Heat Number
 20812436
 2BN751
 2BN821
 2BN893
 668573
 9KE6
 9NM1
 YU161154
 YU256037
 Z00217011

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

Page: 3Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 VQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

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 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 721477
 Ship Date 21Jul11 at 15:28 From PFW
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 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

===== B I L L O F L A D I N G =====

TOTAL 2 BDLS, 1 SKID , 1 PKG G.W. 1127 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.***

Page: 4 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

B I L L O F L A D I N G

Ship From:

THYSSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 721477

Ship Date 21Jul11 at 15:28 From PFW
Probill

Via VIM TRANSFER TRUCK

FOB CONCORD

Frt PREPAID

Route 0- 0 Manifest

Vhcle Trailer

Slp STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: (1)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-351948- 1 Your PO # 14519
STAINLESS STEEL ROUND BAR 303 STAINLESS
.625" DIA X 144.0000"

Heat Number
9KE6Tag No
216209Quantity
12 FTPCS
1Wt LBS
12

2) Our Order PEC-351948- 2 Your PO # 14519
Part # STOCK Rel #
STAINLESS STEEL ROUND BAR 303 STAINLESS
.750" DIA X 144.0000"

Heat Number
9NM1Tag No
216210Quantity
60 FTPCS
5Wt LBS
91

3) Our Order PEC-351948- 3 Your PO # 14519
STAINLESS STEEL SHEET 304-2B
.0360 Nom X 48.0000" X 96.0000"

Heat Number
YU256037Tag No
216301Quantity
192.00 SFTPCS
6Wt LBS
289

4) Our Order PEC-351948- 4 Your PO # 14519
STAINLESS STEEL SHEET 304-2B
.0300 Nom X 48.0000" X 96.0000"

Heat Number
YU161154Tag No
216302Quantity
64.00 SFTPCS
2Wt LBS
80

5) Our Order PEC-351948- 5 Your PO # 14519
Part # 4-6 DAYS Rel #
STAINLESS STEEL SHEET 304-2B
.0600 Nom X 48.0000" X 96.0000"
THIS ITEM IS BACK ORDERED

Page: 1Continued

fared.

TOUTES-ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

Ship From: B I L L O F L A D I N G No: PEC 721477
 THYSSENKRUPP MATERIALS NA Ship Date 21Jul11 at 15:28 From PFW
 2821 LANGSTAFF ROAD Probill
 CONCORD, ONTARIO L4K 5C6 Via VIM TRANSFER TRUCK
 Tel: 905 669 9444 Fax: 9057389033 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Ship To: (1) Sold To: (20115)
 DART AEROSPACE DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-351948- 6 Your PO # 14519					
Part # STOCK	Rel #				
ALUMINUM FLAT BAR 6061-T6511					
.187" x 4.00" X 240.0000"					
Heat Number 2BN821	Tag No 216211	Quantity 20 FT	PCS 1	Wt LBS 18	
7) Our Order PEC-351948- 7 Your PO # 14519					
Part # STOCK	Rel #				
ALUMINUM FLAT BAR 6061-T6511					
.625" x 2.50" X 144.0000"					
Heat Number 20684033	Tag No 216212	Quantity 12 FT	PCS 1	Wt LBS 22	
8) Our Order PEC-351948- 8 Your PO # 14519					
Part # STOCK	Rel #				
ALUMINUM FLAT BAR 6061-T6511					
1.00" x 4.00" X 144.0000"					
Heat Number Z00217011	Tag No 216213	Quantity 24 FT	PCS 2	Wt LBS 113	
9) Our Order PEC-351948- 9 Your PO # 14519					
Part # STOCK	Rel #				
ALUMINUM FLAT BAR 6061-T6511					
1.250" x 1.50" X 144.0000"					
Heat Number 2BN751	Tag No 216214	Quantity 12 FT	PCS 1	Wt LBS 27	
10) Our Order PEC-351948- 10 Your PO # 14519					
Part # STOCK	Rel #				
ALUMINUM SQUARE BAR 6061-T6511					
1.50" X 144.0000"					
Heat Number 2BN893	Tag No 216215	Quantity 12 FT	PCS 1	Wt LBS 32	

Page: 2Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
 RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 TVQ/GST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 721477
Ship Date 21Jul11 at 15:28 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

11) Our Order PEC-351948- 11 Your PO # 14519
ALUMINUM FLT BAR ECONOPLT 6061-T6511
.500" X 12.00" X 144.5000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
20812436	216216	48 ' 2.0000 "	4	339

12) Our Order PEC-351948- 12 Your PO # 14519
ALUMINUM PLATE 6061-T651
.50" THICK X 24.0000" X 30.0000"
GRAIN DIRECTION TO RUN ALONG THE 30.00 DIM

Heat Number	Tag No	Quantity	PCS	Wt LBS
668573	216367	5.00 SFT	1	35

TOTAL:	Tags	PCS	LBS
	11	25	1058

Heat Number
20812436
2BN751
2BN821
2BN893
668573
9KE6
9NM1
YU161154
YU256037
Z00217011

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

Page: 3Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 721477
Ship Date: 21Jul11 at 15:28 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

TOTAL 2 BDLS, 1 SKID , 1 PKG G.W. 1127 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 4 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS

.625" DIA X 144.000"

PART NO

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC 721477-001

21Jul11

Pg 1/1



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 652211 1

Customer: 007206 001

Mail To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 6/27/2011 Page: 1

Steel: 303

Finish: CD

Your Order: PEC231153

NAS Order: IN 0122856 01

Corrosion:

PRODUCT DESCRIPTION:

Round-Bar, Annealed, Cold Draw

ASTM A302/05 EN 10204 3.1, ASTM A484/08

AMS 5640U TYPE 1, QQS-7648 CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DFARS 2002.95.

EC. ROHS. EAP+AOD+CC. NO WELD-REPAIR. MELTED AND MFG IN USA

FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BD9014 7		.6250		1.024	144.00	1	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
9KE5	US	.0400	.0695	17.4800	.3100	1.7625	.2725	.0494	8.5645	.0330
		S	SI							
		.3225	.3975							

MECHANICAL PROPERTIES

Product Id	1 d	HB	.2YS	UTS	RA	Elong
	o i				%	% 4D
	c r	No.	KSI	KSI		
BD9014 7	R L	198.00	74.76	102.25	54.35	44.13

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER

ERIC HESS

6/27/2011

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS

750" DIA X 144.0000"

PART NO. STOCK

PO/R: 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PBC 721477-002

21Jul11

Pg 1/1



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 656691 2

Customer: 007206 001

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 7/18/2011 Page: 1

Steel: 303

Finish: CD

Your Order: PEC230574

NAS Order: PN 0014226 18

Corrosion:

PRODUCT DESCRIPTION:

SOLUTION ANNEAL TEMP 1900F MIN

Round Bar, Annealed, Cold Draw

ASTM A582/05 EN 10204 B.1, ASTM A484/08

AMS 5640U TYPE 1, QQS-764B CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DEARS EU DIRECTIVE 2002.95.

EC. ROHS. EAF+AOD+CC. NO WELD, REPAIR. MELTED AND MFG IN USA

FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BD9362 6		7500		1,090	144.00	20	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
9NM1	US	.0719	.0675	17.5170	.3025	1.8165	.3650	.0450	8.5175	.0330
		S	SI							
		.3200	.5815							

MECHANICAL PROPERTIES

Product Id	1 d	o i	HD	.2YS	UTS	RA	Elong
	c r	No.	KSI	KSI	%	% 4D	
BD9362 6	R L	196.00	78.36	106.81	35.92	30.36	

NAS hereby certifies that the analysis on this certification is correct and the
material meets the specifications stated.

QC ENGINEER

ERIC HESS

7/18/2011

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

DART AEROSPACE

PO/Ref: 14519

BL: PEC-721477-003

21/Jul/11

STAINLESS STEEL SHEET 304-2B
0360 Nom X 48.0000" X 96.0000"We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Pg 1/1

PART NO.

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

Pec 22

This MTR contains 1 page (Page# 1)

Customer: COPCON PO#: PEC-223487 SO#: PG9657

MTR#: YMCLF10M358-2-2.G

Item: 20GA48963042B Bundle: 93548788A-3 Heat#: YU256037

INSPECTION CERTIFICATE

YEH MAU CORP.

INVOICE NO.: F10M357-2358-2358-2

COMMODITY: PRIMARY COLD ROLLED STAINLESS STEEL SHEETS,
AISI 304 2B FINISH

SPECIFICATION: AISI 304

CUSTOMER: HALIFORD ENTERPRISE LTD.

工廠: 嘉應縣新竹鄉安路845號
345, SHIH LIN RD, LU CHU HSIANG
KAOHSIUNG HSIEN TAIWAN R.O.C.
TEL: (07) 8672885 FAX: (07) 8673728
CERTIFICATE NO: F10M357-2-2
DATE OF ISSUE: 9/4/11 (2011)

SIZE	NO. of Product	Weight in KG	Heat No.	ID No.	Physical Properties					Chemical Properties (%)							
					Tensile Test CL-57 min												
					Y.S. PSI	T.S. PSI	EL. (%)	HRB	HV	C x 100	Si x 100	Mn x 100	P x 1000	S x 1000	Ni x 100	Cr x 100	N x 100
20GA(0.9MM)X48"X 96"	1	1620	YU256037	93548788A-3	42830	95425	53	82	52	4.7	53	112	35	9	802	1813	2
20GA(0.9MM)X48"X 96"	1	1621	YU256037	93548788A-3	42830	95425	53	82	52	4.7	53	112	35	9	802	1813	2
20GA(0.9MM)X48"X 96"	1	1620	YU256037	93548788A-4	42830	95425	53	82	52	4.7	53	112	35	9	802	1813	2
20GA(0.9MM)X48"X120"	1	1719	YU255969	925484490-1	43065	97585	55	87	179	5	43	131	32	5	809	1821	2.5
20GA(0.9MM)X48"X120"	1	1721	YU255969	925484490-2	43065	97585	55	87	179	5	43	131	32	5	809	1821	2.5
20GA(0.9MM)X48"X120"	1	1721	YU255969	925484490-3	43065	97585	55	87	179	5	43	131	32	5	809	1821	2.5
20GA(0.9MM)X48"X120"	1	1760	YU255971	92547355B-6	44370	102125	55	85	172	5.1	50	103	37	1	819	1814	2.3

7 11782

Remarks: NO MERCURY CONTAMINATION

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS
BEEN MADE IN ACCORDANCE WITH THE RULES OF THE MILL CERTIFICATE.

ASTM A686-03/ASME SA886-03 ANNEALED

BEND TEST: GOOD FOR ALL HEAT NO.

1. EQUIVALENT TO ASME SA886-03/ASME SA886-03 TYPE 304

2. INTERGRANULAR CORROSION IN ACCORDANCE WITH ASTM A262E

3. Hardness: < 120HV (ASTM E18, '05), Obach/HV (ASTM E92, '97)

4. Tensile Test: ASTM E8/E8M

5. Test Method: C.S. (ASTM E168, '03)

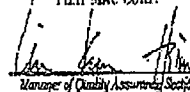
6. Other Element: ASTM E1048, '90

7. MERCURY FREE

8. SOURCE YUSCO

9. CHEMICAL, PROPERTIES AND PHYSICAL PROPERTIES COMP. Y TO AMS 5513H

YEH MAU CORP.



Manager of Quality Assurance Section

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304 2B
0900 Nom X 48.0000" X 96.0000"
PART NO.

PO/Ref 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-721477-904

21J041

Pg 1/1

MILL TEST CERTIFICATES



YIEH MAU CORP.

INVOICE NO. : F10M927-1

COMMODITY : PRIME COLD ROLLED STAINLESS STEEL SHEET

SPECIFICATION : AISI 304 ASTM A240/A480 and ASME SA240/SA480
CUSTOMER : OLBERT METAL SALES LIMITED

305, SHUN AN RD, LIU CHU HSIANG
KAOHSIUNG TAIWAN R.O.C.
TEL: 07-6972885 FAX: 07-6973000
CERTIFICATE NO. F10M927-1
DATE OF ISSUE: 10/09/2010

SIZE	NO.	Weight (N.W.)		Heat No.	ID NO.	Physical Properties Tensile Test GL=50mm					Chemical Composition (%)							
		KGS	LBS			Y.S. (N/mm ²)	T.S. (N/mm ²)	EL. (%)	HB	HV	C %	SI %	Mn %	P %	S %	Ni %	Cr %	N %
304 2B PL																		
11GA X 48" X 120"	1	1,628	3,589	YU162009	96S61667C-11	313	654	53	87	179	4.6	52	119	37	3	806	1804	2.7
11GA X 48" X 120"	1	1,628	3,589	YU162009	96S61667C-12	313	654	53	87	179	4.6	52	119	37	3	806	1804	2.7
16GA X 48" X 96"	1	1,710	3,770	YU162515	98S6092B13-3	298	624	57	79	152	5.1	46	110	36	3	804	1820	2.7
16GA X 48" X 120"	1	1,665	3,671	YU162159	96S62953A-2	292	617	60	79	151	5	53	127	33	9	805	1812	2.6
18GA X 48" X 120"	1	1,350	2,976	YU257404	96S61403B-6	205	657	55	85	172	4.6	51	125	36	6	811	1830	2.9
18GA X 48" X 120"	1	1,338	2,950	YU257404	96S61403B-7	205	657	55	85	172	4.6	51	125	36	6	811	1830	2.9
20GA X 48" X 96"	1	1,334	2,941	YU162157	97SG3036B-1	308	647	54	86	175	4	44	103	31	5	807	1822	3.1
20GA X 48" X 120"	1	1,569	3,459	YU257562	96S62959B-5	315	672	56	86	176	4.3	48	114	37	1	805	1825	3.4
20GA X 60" X 120"	1	1,683	3,709	YU257562	96S62959B-3	315	672	56	86	176	4.3	48	114	37	1	805	1825	3.4
20GA X 60" X 120"	1	1,630	3,594	YU161329	95S55697B-2221	292	629	54	84	168	5.1	44	108	37	6	809	1818	2.5
22GA X 48" X 96"	1	1,630	3,594	YU161329	95S55697B-2222	292	629	54	84	168	5.1	44	108	37	6	809	1818	2.5
22GA X 48" X 120"	1	1,700	3,748	YU161154	95S55888A-2	291	639	53	85	170	4.3	49	122	37	1	806	1807	2.3
22GA X 48" X 120"	1	1,652	3,642	YU161154	95S55888A-3	291	639	53	85	170	4.3	49	122	37	1	806	1807	2.3
24GA X 48" X 120"	1	1,336	2,945	YU257156	96S59278B-1	281	616	54	86	176	1.6	37	144	34	9	804	1821	3.2
24GA X 48" X 120"	1	1,336	2,945	YU257156	96S59278B-2	281	616	54	86	176	1.6	37	144	34	9	804	1821	3.2
24GA X 48" X 120"	1	1,338	2,950	YU257156	96S59278B-3	281	616	54	86	176	1.6	37	144	34	9	804	1821	3.2
304 NO.4 LASTER																		
11GA X 48" X 96"	1	1,646	3,629	YU162009	96S61667B-111	313	654	53	87	179	4.6	52	119	37	3	806	1804	2.7
11GA X 48" X 120"	1	1,631	3,596	YU162009	96S61667B-112	313	654	53	87	179	4.6	52	119	37	3	806	1804	2.7
11GA X 48" X 120"	1	1,630	3,594	YU162009	96S61667B-113	313	654	53	87	179	4.6	52	119	37	3	806	1804	2.7
16GA X 48" X 120"	1	1,690	3,726	YU162547	98S60994A-11	282	602	56	82	160	4.4	47	119	32	10	804	1817	2.5
16GA X 48" X 120"	1	1,690	3,726	YU162547	98S60994A-12	282	602	56	82	160	4.4	47	119	32	10	804	1817	2.5
22GA X 48" X 96"	1	1,740	3,849	YU161311	95S55839A-13	294	659	53	85	173	4.8	48	113	36	4	802	1822	2.4
22GA X 48" X 120"	1	1,718	3,785	YU161311	95S55839A-13	294	659	53	85	173	4.8	48	113	36	4	802	1822	2.4
24GA X 48" X 96"	1	1,604	3,536	YU162639	96S60747B-15	298	685	55	86	174	4.8	49	122	37	11	804	1820	1.6
24GA X 48" X 120"	1	1,598	3,523	YU162639	96S60747B-14	298	685	55	86	174	4.8	49	122	37	11	804	1820	1.6
TOTAL:	25	39,380	86,820															

REMARKS: NO MERCURY CONTAMINATION

Send test report for all Heat NO.

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS
BEEN MADE IN ACCORDANCE WITH THE RULES OF THE MILL CERTIFICATE

YIEH MAU CORP.

Manager of Quality Assurance Section

9/17

9056691787

ThyssenKrupp

12:15 PM

2011-Jul-21

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

187" x 4.00" x 240.0000"

PART NO. STOCK

PO/Rel:14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC-721477-006

21Jul11

Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST REPORT

BILL TO THYSSENKRUPP MATERIALS,NA	1773 Cont Code: 1	DIE NUMBER 0.12 S 2219	DATE OF SHIPMENT 5/30/2011	EXTRUDEX ORDER NO. 134339 - 2	MANIFEST NO. 247062
SHIP TO THYSSENKRUPP MATERIALS,NA	1773 CUSTOMER PO PEC-230241	ALLOY 6061	TEMPER T6511	SALESMAN FORBES DODWELL	MADE IN CANADA
SO DESCRIPTION 187"x4" FB	CUSTOMER PART NUMBER 1-187-4000	PART DESCRIPTION	CERTIFICATION MILL TEST ASTM B221		

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	14578	May/26/11	40.1	37.3	13.00	98.1, 88.3, 88.1	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 2BN821 6061	0.02	0.17	0.21	0.03	0.88	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST REPORT

Doc No. 111518 Indexed 1Jun11 by slssup1

10/17

9056691787

ThyssenKrupp

2011-Jul-21 12:15 PM

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM PLAT BAR 6061-T6511
625" X 2.50" X 144.0000"
PART NO. STOCK
PO/Rel 14519

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-007

21Feb11

Pg 1/2

sapa

 Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA

17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

 THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON L4K5C6

Ship To Customer

 THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

Certified Inspection Report

Sales Order Number

1100296010

Line No.

2

Customer PO#

PEC-228083-2

Cert Number

SAPA349812

Page

Page 1 of 2

Cert Creation Date

15-FEB-11

Cert Print Date

15-FEB-11

Quantity Shipped

1104

L.R

Date Shipped

15-FEB-11

Item Description

 Extruded Rectangular Bar
0.625 TK x 2.500 W
RAD

144 IN LN

FIN M-MILL

W/P 1.838 F-03 CS 2.6

6061/T6511

Marking CONTINUOUS;

Specification

ASTM B221 REV 08

AMS-QQ-A-200/8 REV

ASME SB221 REV 09

UNSM A96061 REV

B/L

Item No.

G03361957

Delivery Id

Item No. Rev

4182400

Customer Part No.

.625X2.5

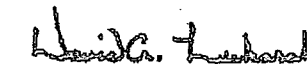
Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title



Dave A. Lukasak

15-FEB-11

Tech/Quality Manager

Quantities per Lot/Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG1390609	20684033	25	PCS	558	552
G12-PKG1390610	20684033	25	PCS	558	552

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25

11/17

9056691787

ThyssenKrupp

2011-Jul-21 12:16 PM

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLATE BAR 6061-T6511

625" x 2.50" x 144.0000"

PART NO. STOCK

PO/Ref: 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

EL PEC-721477-007

21JUL11

Pg 2/2



Sapa Industrial Extrusions
53 POTTSVILLE STREET

CHESBONA, PA
17929-0187

Certified Inspection Report

Sales Order Number

1100296010

Line No.

2

Customer P/O

PEC-220083-2

Cert Number

SAPA349812

Page

Page 2 of 2

Cert Creation Date

15-FEB-11

Cert Print Date

15-FEB-11

Alloy	Ti		Al		Fe		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	---	---	---	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Pb	Cu	Mn	Mg	Cr	Zn	Ti	Bi	Pb	Others Each	Others Total
5025376	0.67	0.24	0.22	0.04	0.87	0.06	0.02	0.01	---	---	---	---

Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL. AD-Long	
UOM			KSI		KSI		PCT	
Test of Test			--		--		--	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20684033	2	46.2	46.3	43.3	43.3	17.3	17.3

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method.

All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6262 alloy.

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1.

Melted in the USA or Other Qualified Countries as Defined by DFARS 225.872.1

Made in USA

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

DART AEROSPACE

PQ/Rel 14519

BL PEC-721477-008

21/01/11

ALUMINUM FLAT BAR 6061-T6511

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Pg 1/1

1.00" X 4.00" X 144.0000"
PART NO. STOCK

KAISER
ALUMINUM
FABRICATED PRODUCTS

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
14020 S. COIL PLUS DR UNIT 100
PLAINFIELD, IL 60544

CUSTOMER PO NUMBER:		CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION:	
PEC-230924-2		ALREC00750		1.000 X 4.000 SC RECT BAR	
KAISER ORDER NUMBER:	LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:
9084844	002	07/01/2011	Z00217011	6061	T6511
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:
2032.000 LB	36.000 PCS	966753			12.000 FT
SHIP TO:			SOLD TO:		
THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF RAOD CONCORD, ON L4K 5C6 CANADA			THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF RAOD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
XTR107331	0001	1	52.4	48.5	17.4	N/A	N/A	N/A
XTR107331	0001	2	55.0	51.3	16.6	N/A	N/A	N/A
XTR107331	0001	3	52.3	48.5	17.4	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40		0.15		0.8	0.04			NA	NA	NA		

Applicable Requirements:

ASTM-B221-08-STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 UNS#96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (KALAMAZOO, MI) MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Tom G. Small, Jr., QA Manager

Plant Serial: 00347114

Tom G. Small, Jr.

Kaiser Order Number: 9084844

Page 1 of 1

Line Item: 002

13/17

9056691787

ThyssenKrupp

12:17 PM

2011-Jul-21

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

1.250" x 1.50" x 144.0000"

PART NO. STOCK

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC 721477-009

21JUL11

Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST REPORT

BILL TO THYSSENKRUPP MATERIALS,NA	1773 Cert Code: 1	0.36	DIE NUMBER S 4676	DATE OF SHIPMENT 4/8/2011	EXTRUDEX ORDER NO. 132955 - 2	MANIFEST NO. 244460
SHIP TO THYSSENKRUPP MATERIALS,NA	1773 CUSTOMER PO PEC-229322		ALLOY 6061	TEMPER T6511	SALESMAN FRED PARKIN	
SO DESCRIPTION 1.25"x1.5" FB	CUSTOMER PART NUMBER 1-1250-1500		PART DESCRIPTION		CERTIFICATION MILL TEST ASTM B221	
					MADE IN CANADA	

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	0	Apr/07/11	43.7	40.0	16.00	88.3,88.8,88.5	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 2BN751 6061	0.81	0.15	0.20	0.04	0.87	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST REPORT

14/17

9056691787

ThyssenKrupp

12:18 PM

2011-Jul-21

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511

1.50" X 144.0000"

PART NO. STOCK

PO/Ref: 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC-721477-010

21Jul11

Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST REPORT

BILL TO THYSSENKRUPP MATERIALS NA	1773	Cert Code: 1	0.61	DIE NUMBER S 4661	DATE OF SHIPMENT 4/28/2011	EXTRUDEX ORDER NO. 133281 - 3	MANIFEST NO. 245400
SHIP TO THYSSENKRUPP MATERIALS NA	1773	CUSTOMER PO PEC-229584		ALLOY 6061	TEMPER T6511	SALES/AN FRED PARKIN	
SO DESCRIPTION 1.5" SQ		CUSTOMER PART NUMBER 3-1500		PART DESCRIPTION		CERTIFICATION MILL TEST ASTM B221	

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	0	Apr/26/11	42.0	37.4	17.10	86.0, 85.8, 86.2	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 2BN893 6061	0.61	0.19	0.20	0.03	0.88	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST REPORT

Doc No. 109733 Indexed 2May11 by slssup1

15/17

9056691787

ThyssenKrupp

12:18 PM

2011-Jul-21

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLT BAR ECONOPLT 6061-T6511
500" X 12.00" X 144.5000"
PART NO.

PO/Ref: 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PFC 721477-011

21Jul11

Pg 1/2

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoiced To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

Certified Inspection Report

Sales Order Number

1100346752

Line No.

2

Customer P/O

PFC-231166-2

Cert Number

SAPA416213

Page

1 of 2

Cert Creation Date

07-JUL-11

Cert Print Date

07-JUL-11

Quantity Shipped

1868

LB

Date Shipped

07-JUL-11

Item Description

Extruded ECONO-
PLATE
0.500 TX x 12.000 W
SHECT 505026
144.500 IN LN
FIN M-MTL
W/T 7.056 P3 CS 12
6061/T6511
Marking CONTINUOUS;

Specification

ASTM A221 REV 03
AMS-QQ-A-200/8 REV
ASMESH221 REV 09

B/L

Item No.

241481

G03954975

Delivery Id

Item No. Rev

4224906

Customer Part No.

.5X12

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on
this certified inspection report. Reinforcing is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that reciprocity is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Dave A. Lukasak

07-JUL-11

Tech/Quality Manager

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG1483077	20812436	11	PCS	940	934
G12-PKG1483078	20812436	11	PCS	940	934

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLT BAR ECONOPLT 6061-T6511

500" X 12.00" X 144.5000"

PART NO

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC 721477-011

21Jul11

Pg 2/2

Signed by: _____



Sapa Industrial Extrusions
53 POYTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number

1100346752

Line No.

2

Customer PO

PHC-211166-2

Cert Number

SAPA416213

Cert Creation Date

07-JUL-11

Page

Page 2 of 2

Cert Print Date

07-JUL-11

Alloy	Ti		Bt		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.05	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bt	Pb	Others Each	Others Total
5026476-US	0.64	0.24	0.23	0.03	0.92	0.04	0.03	0.02	---	---	---	---
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bt	Pb	Others Each	Others Total
5026478-US	0.69	0.27	0.22	0.05	0.94	0.06	0.03	0.02	---	---	---	---

Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
T6511			KSI		KSI		PCT	
# of Test			--		--		--	
Test Temp	Lot Number	# of Test	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20812436	1	44.3	44.3	41.0	41.0	18.2	18.2

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method.

All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6062 alloy.

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

Melted in the USA or Other Qualified Countries as Defined by DFARS 215.872.1

Made in USA

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

DART AEROSPACE

PC/Rel 14518

BL PEC 721477412

21Jul11

ALUMINUM PLATE 6061-T651
30" THICK X 24'0000" X 30'0000"
PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by

Pg 1/1

Page 1 of 1



INSPECTION CERTIFICATE № 11.6637

EN 10204 - 3.1



Consignor KAMENSK URALSKY METALLURGICAL WORKS JOINT STOCK COMPANY
5, Zavodskaya Str., Kamenok Ural'sky, Sverdlovsk Region, 623405, Russia Tel: (3439) 36 52 22 Fax: (3439) 35 60 65

Designation Thyssen Krupp Materials NA		Quantity 2
Contract number K12543-8 PEC 228281		Net Weight, kg 400
Product number		Specification No. N12543 Lot No. 5 Page No. 714658
Description of Goods: Plates		Requirements on the Products.
Grade of Product	Dimensions, mm	Material conforms to quality of spec: 6061 T651
0.6"X80 6"X144.5" 12.700X1638.7X36570.3		Product conforms to all requirements of: AA:AMS4027N;AMS-QQ-A250/11A;ASTM6209-07. This product conforms to European Union RoHS Directive 2002/95/EC

Mechanical Properties

The Condition of Tested Specimens	Lot Number	Doc Number	Number of Tests	Tensile Strength		Yield Strength (0.01 offset)		Elongation, %		Hardness, HB
				min	max	min	max	min	max	
Required				42.0		35.0		8.0		
	008572	12-292	4	45.5	48.2	42.1	43.7	16.0	18.5	

Chemical Composition, %

Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr
Required	0.4-0.8	0.7	0.15-0.40	0.15	0.3-1.2	0.04-0.35			0.25	0.15
Conforms	0.64	0.28	0.17	0.08	1.0	0.05		0.03	0.08	
Element	Fluorine F+Br	Sodium Na	Thallium Tl	Barium Ba	Strontium Sr	Antimony Sb	Cadmium Cd	Other Elements		Al
Required								Each	Total	not less than
Conforms								0.05	0.15	not less than

Other Tests

Method	Micro-structure	Micro-surface	UT	Electro-conductivity	SOF	Corrosion, Hz of metal: 100/1000	Memory - free
Result							"Russia is country of metal and manufacture"

On behalf

OAO KUMZ

Date

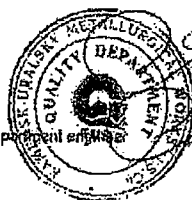
05.03.11

Inspector

K.V. Zryanova

Inspection Department

N.V. Alekhina



Form No. DAB/3-001, Revision 03

file://C:\Documents and Settings\30sal.THYSENNA.006\Local Settings\Temporary Intern... 6/7/2011

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
.625" DIA X 144.0000"
PART NO.

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-001

21Jun11

Pg 1/1



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 652211 1 Mail To:
THYSSENKRUPP MATERIALS
Customer: 007206 001 2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 6/27/2011 Page: 1

Steel: 303

Finish: CD

Your Order: PEC231153

NAS Order: IN 0122856 01

Corrosion:

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/05 EN 10204 3.1, ASTM A484/08
AMS 5640U TYPE 1, QQS-764B CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DFARS EU DIRECTIVE 2002.95.
EC. RoHS. EAP+AOD+CC. NO WELD REPAIR. MELTED AND MPG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BD9014 7		.6250		1,024	144.00	1	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
9KE6	US	.0400	.0695	17.4800	.3100	1.7625	.2725	.0494	8.5645	.0330
		S	SI							
		.3225	.3975							

MECHANICAL PROPERTIES

Product Id	Id	HB	.2YS	UTS	RA	Elong
	o i	No.	KSI	KSI	%	% 4D
BD9014 7	R L	198.00	74.76	102.25	54.35	44.13

NAS hereby certifies that the analysis on this certification is correct and the
material meets the specifications stated.

QC ENGINEER

ERIC HESS

6/27/2011

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS

750" DIA X 144.0000"

PART NO. STOCK

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-002

21Jul11

Pg 1/1



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 656691 2

Customer: 007206 001

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 7/18/2011 Page: 1

Steel: 303

Finish: CD

Your Order: PEC230574

NAS Order: PN 0014226 18

Corrosion:

PRODUCT DESCRIPTION:

SOLUTION ANNEAL TEMP 1900F MIN
Round Bar, Annealed, Cold Draw
ASTM A582/05 EN 10204 3.1, ASTM A484/08
AMS 5640U TYPE 1, QQS-764B CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DFARS EU DIRECTIVE 2002.95.
EC. RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	-----Length-----	Mark	Pieces	Commodity Code
BD9362 6		7500		1,090	144.00	20	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
9NM1	US	.0719	.0675	17.5170	.3025	1.8165	.3650	.0450	8.5175	.0330
		S	SI							
		.3200	.5815							

MECHANICAL PROPERTIES

Product Id	1 d o i c r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BD9362 6	R L	196.00	78.36	106.81	36.92	30.36

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER

ERIC HESS

7/18/2011

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
0360 Nom X 48.0000" X 96.0000"
PART NO.

PO/Ref 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-721477-003

21Jul11

Signed by: Pg 1/1

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

Customer: COPCON PO#:PEC-223487 SO#:PG9657

Item:20GA48963042B Bundle:93S48788A-3 Heat#:YU256037

Pec 22

This MTR contains 1 page (Page# 1)

MTR#:YMCLF10M358-2-2.G

INSPECTION CERTIFICATE

YEH MAU CORP.

INVOICE NO.: F10M357-2358-2358-2
COMMODITY: PRIMARY COLD ROLLED STAINLESS STEEL SHEETS,
AISI 304 2B FINISH
SPECIFICATION: AISI 304
CUSTOMER: HANFORD ENTERPRISE LTD.

工廠:高雄路竹鄉順安路345號
345, SHJN RD, LU CHU HSIANG
KAOHSIUNG HSIEN, TAIWAN R.O.C.
TEL:(07)6572885 FAX:(07)6973908
CERTIFICATE NO:F10M358-2-2
DATE OF ISSUE:04/01/2011

SIZE	NO. of Product	Weight in KG NET	Heat No.	ID No.	Physical Properties					Chemical Properties (%)									
					Tensile Test														
					CL=57mm														
					Y.S PSI	T.S PSI	EL. (%)	HRB	HV	C x 100	Si x 100	Mn x 100	P x 100	S x 100	Ni x 100	Cr x 100	N x 100		
20GA(0.9MM)X48"X 96"	1	1620	YU256037	93S48788A-2	42630	96425	53	82	162	4.7	53	112	35	9	802	1813	2		
20GA(0.9MM)X48"X 96"	1	1621	YU256037	93S48788A-3	42630	96425	53	82	162	4.7	53	112	35	9	802	1813	2		
20GA(0.9MM)X48"X 96"	1	1620	YU256037	93S48788A-4	42630	96425	53	82	162	4.7	53	112	35	9	802	1813	2		
20GA(0.9MM)X48"X120"	1	1719	YU255969	92S48449B-1	43065	97585	55	87	179	5	43	131	32	5	809	1821	2.5		
20GA(0.9MM)X48"X120"	1	1721	YU255969	92S48449B-2	43065	97585	55	87	179	5	43	131	32	5	809	1821	2.5		
20GA(0.9MM)X48"X120"	1	1721	YU255969	92S48449B-3	43065	97585	55	87	179	5	43	131	32	5	809	1821	2.5		
22GA(0.9MM)X48"X120"	1	1760	YU255871	92S47359B-6	44370	108325	55	85	172	5.1	50	103	37	1	819	1814	2.3		

Remarks: NO MERCURY CONTAMINATION
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS
BEEN MADE IN ACCORDANCE WITH THE RULES OF THE MILL CERTIFICATE.

REMARK TEST: GOOD FOR ALL HEAT NO.

1.EQUIVALENT TO ASME SA240/ASME SA480-08 ASTM A240/ASME SA480-08 TYPE 304

2.INTERGRANULAR CORROSION IN ACCORDANCE WITH ASTM A262E

3.Hardness: >1.2mm HRB(ASME E18, '05). Other:HV(ASME E92, '97)

4.Tensile Test: ASTM E8/E8M

5.Test Method: C.S.N.ASTM E1013, '03

6.Other Element: ASTM E1066, '90

7.MERCURY FREE

8.SOURCE:YUSCO

9.CHEMICAL, PROPERTIES AND PHYSICAL PROPERTIES COMPLY TO AMS 5513H

ASTM A480-03/ASME SA480-03 ANNEALED

YIEH MAU CORP.

Manager of Quality Assurance Section

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
0.300 Nom X 48.0000" X 96.0000"
PART NO.

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-004

21Jul11
Pg 1/1

MILL TEST CERTIFICATES



YIEH MAU CORP.

INVOICE NO.:
COMMODITY:

F10M927-1
PRIME COLD ROLLED STAINLESS STEEL SHEET

SPECIFICATION:
CUSTOMER:

AISI 304 ASTM A240/A180 and ASME SA240/SA480
OLBERT METAL SALES LIMITED

366, SHUN AN RD., LICHU HSIANG,
KAOHSIUNG HSIEN, TAIWAN R.O.C.
TEL: 887-6972885 FAX: 887-6973006
CERTIFICATE NO: F10M927-1
DATE OF ISSUE: 10/09/2010

PHYSICAL & CHEMICAL PROPERTIES																		
SIZE	NO.	Weight (N.W.)		Heat No.	ID NO.	Physical Properties Tensile Test GL=50mm					Chemical Composition (%)							
		KGS	LBS			Y.S. (N/mm ²)	T.S. (N/mm ²)	EL. (%)	HRB	HV	C x100	Mn x100	P x10000	S x10000	Ni x100	Cr x100	N x100	
304 2B PI																		
11GA X 48" X 120"	1	1,628	3,589	YU162009	96S61567C-11	313	654	53	87	179	4.6	52	119	37	3	806	1804	
11GA X 48" X 120"	1	1,628	3,589	YU162009	96S61567C-12	313	654	53	87	179	4.6	52	119	37	3	806	1804	
16GA X 48" X 96"	1	1,710	3,770	YU162515	98S66092B-3	298	624	57	79	152	5.1	46	110	36	3	804	1820	
16GA X 48" X 120"	1	1,665	3,671	YU162159	96S62953A-2	292	617	60	79	151	5	53	127	33	9	805	1812	
18GA X 48" X 120"	1	1,350	2,976	YU257404	96S61403B-6	295	657	55	85	172	4.6	51	125	36	6	811	1830	
18GA X 48" X 120"	1	1,338	2,950	YU257404	96S61403B-7	295	657	55	85	172	4.6	51	125	36	6	811	1830	
18GA X 48" X 120"	1	1,334	2,941	YU162157	97S63036B-1	308	647	54	86	175	4	44	105	31	5	807	1822	
20GA X 48" X 96"	1	1,569	3,459	YU257562	96S62959BA-5	315	672	56	86	176	4.3	48	114	37	1	805	1825	
20GA X 48" X 120"	1	1,583	3,490	YU257562	96S62959BA-3	315	672	56	86	176	4.3	48	114	37	1	805	1825	
20GA X 60" X 120"	1	1,630	3,594	YU161329	95S55697B-2221	292	629	54	84	168	5.1	44	108	37	6	809	1818	
20GA X 60" X 120"	1	1,630	3,594	YU161329	95S55697B-2222	292	629	54	84	168	5.1	44	108	37	6	809	1818	
22GA X 48" X 96"	1	1,700	3,748	YU161154	95S55838A-2	291	639	55	85	170	4.3	49	122	37	4	806	1807	
22GA X 48" X 120"	1	1,652	3,642	YU161154	95S55838A-3	291	639	55	85	170	4.3	49	122	37	4	806	1807	
24GA X 48" X 120"	1	1,336	2,945	YU257156	95S59278B-1	281	616	54	86	176	1.6	37	144	34	9	804	1821	
24GA X 48" X 120"	1	1,336	2,945	YU257156	95S59278B-2	281	616	54	86	176	1.6	37	144	34	9	804	1821	
24GA X 48" X 120"	1	1,338	2,950	YU257156	95S59278B-3	281	616	54	86	176	1.6	37	144	34	9	804	1821	
304 NO.4 LASER																		
11GA X 48" X 96"	1	1,646	3,629	YU162009	96S61567B-111	313	654	53	87	179	4.6	52	119	37	3	806	1804	
11GA X 48" X 120"	1	1,631	3,596	YU162009	96S61567B-112	313	654	53	87	179	4.6	52	119	37	3	806	1804	
11GA X 48" X 120"	1	1,630	3,594	YU162009	96S61567B-113	313	654	53	87	179	4.6	52	119	37	3	806	1804	
16GA X 48" X 120"	1	1,690	3,726	YU162547	98S66094A-11	282	662	56	82	160	4.4	47	119	32	10	804	1817	
16GA X 48" X 120"	1	1,690	3,726	YU162547	98S66094A-12	282	662	56	82	160	4.4	47	119	32	10	804	1817	
22GA X 48" X 96"	1	1,746	3,849	YU161311	95S55839A-12	294	659	53	85	173	4.8	48	113	36	4	802	1822	
22GA X 48" X 120"	1	1,718	3,788	YU161311	95S55839A-13	294	659	53	85	173	4.8	48	113	36	4	802	1822	
24GA X 48" X 96"	1	1,604	3,536	YU162639	98S66747B-15	298	685	55	86	174	4.8	49	122	37	11	804	1820	
24GA X 48" X 120"	1	1,598	3,523	YU162639	98S66747B-14	298	685	55	86	174	4.8	49	122	37	11	804	1820	
TOTAL:	25	39,380	86,820															

Remarks: NO MERCURY CONTAMINATION Bend test good for all Heat NO.
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS
BEEN MADE IN ACCORDANCE WITH THE RULES OF THE MILL CERTIFICATE

YIEH MAU CORP.

Lin Kun Hsing
Manager of Quality Assurance Section

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
187" x 4.00" x 240.0000"
PART NO. STOCK

PO/Ref 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC-721477-006

21Jul11

Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST REPORT

BILL TO THYSSENKRUPP MATERIALS,NA	1773 Cart Code: 1	DIE NUMBER 0.12	DATE OF SHIPMENT S 2219	EXTRUDEX ORDER NO. 134339 — 2	MANIFEST NO. 247062
SHIP TO THYSSENKRUPP MATERIALS,NA	1773 CUSTOMER PO PEC-230241	ALLOY 6061	TEMPER T6511	SALESMAN FORBES DODWELL	MADE IN CANADA
SO DESCRIPTION .187"x4" FB	CUSTOMER PART NUMBER 1-187-4000	PART DESCRIPTION	CERTIFICATION MILL TEST ASTM B221		

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	14578	May/26/11	40.1	37.3	13.00	88.1, 88.3, 88.1	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 2BN821 6061	0.62	0.17	0.21	0.03	0.88	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

David Natale
Quality Control Manager

Handwritten: D 4/7/12

1 - CUSTOMER COPY

MILL TEST REPORT

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

625" X 2.50" X 144.0000"

PART NO. STOCK

PO/Rel 14519

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-007

21Jul11

Pg 1/2

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON L4K-5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

Certified Inspection Report

Sales Order Number

1100296010

Line No.

2

Customer PO

PEC-228083-2

Cert Number

SAPA349812

Page

Page 1 of 2

Cert Creation Date

15-FEB-11

Cert Print Date

15-FEB-11

Quantity Shipped

1104

J.B

Date Shipped

15-FEB-11

Item Description

Extruded Rectangular Bar
0.625 TK x 2.500 W
RAD
144 IN LN
FIN M-MILL
W/F 1.838 F-03 CS 2.6
6061/T6511
Marking CONTINUOUS;

Specification

ASTM B221 REV 08
AMS-QQ-A-200/8 REV
ASMESB221 REV 09
UNSWA96061 REV

B/L

Item No.

201525

G03361957

Delivery Id

4182400

Item No. Rev

Customer Part No.

625X2.5

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Dave A. Lukasak

Dave A Lukasak

Tech/Quality Manager

15-FEB-11

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG1390609	20684033	25	PCS	558	552
G12-PKG1390610	20684033	25	PCS	558	552

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
625" X 2.50" X 144.0000"
PART NO. STOCK

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-721477-007

* 21Jul11
Pg 2/2

Signed by: _____

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number

1100296010

Line No.

2

Customer PO

PEC-228083-2

Cert Number

SAPA349812

Cert Creation Date

15-FEB-11

Page

Page 2 of 2

Cert Print Date

15-FEB-11

Alloy	Ti		B		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	---	---	---	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	B	Pb	Others Each	Others Total
5025376	0.67	0.24	0.22	0.04	0.87	0.06	0.02	0.01	---	---	---	---

Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Test			--		--		--	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20684033	2	46.2	46.3	43.3	43.3	17.3	17.5

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method

All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6262 alloy

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

Melted in the USA or Other Qualified Countries as Defined by DFARS 225.871

Made in USA

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

1.00" x 4.00" x 144.0000"

PART NO: STOCK

PO/Ref: 14519

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-721477-008

21Jul11

Signed by:

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
14020 S. COIL PLUS DR UNIT 100
PLAINFIELD, IL 60544

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

CUSTOMER PO NUMBER: PEC-230924-2		CUSTOMER PART NUMBER: ALREC00750		PRODUCT DESCRIPTION: 1.000 X 4.000 SC RECT BAR	
KAISER ORDER NUMBER: 9084844	LINE ITEM: 002	SHIP DATE: 07/01/2011	KAISER LOT NUMBER: Z00217011	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 2032.000 LB	QUANTITY: 36.000 PCS	B/L NUMBER: 966753	DIAM/DAF/THKNS: 1.000	WIDTH: 4.000	LENGTH: 144.000 FT
SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
XTR107331	0001	1	52.4	48.5	17.4	N/A	N/A	N/A
XTR107331	0001	2	55.0	51.3	16.6	N/A	N/A	N/A
XTR107331	0001	3	52.3	48.5	17.4	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40		0.15		0.8	0.04			NA	NA	NA		

Applicable Requirements:

ASTM-B221-08 STENCILED ASME-SB221-1998 SECT II AMS-QQ-A-200/8 UNS#96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (KALAMAZOO, MI) MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Tom G. Small, Jr., QA Manager

Tom G. Small, Jr.

Plant Serial: 00347114

Kaiser Order Number: 9084844

Page 1 of 1

Line Item: 002

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

1.250" x 1.50" X 144.0000"

PART NO. STOCK

PO/Rel 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-009

21Jul11

Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST REPORT

BILL TO THYSSENKRUPP MATERIALS,NA	1773 Cert Code: 1	0.36	DIE NUMBER S 4676	DATE OF SHIPMENT 4/8/2011	EXTRUDEX ORDER NO. 132955 - 2	MANIFEST NO. 244460
SHIP TO THYSSENKRUPP MATERIALS,NA	1773 CUSTOMER PO PEC-229322	6061	TEMPER T6511	SALESMAN FRED PARKIN	MADE IN CANADA	
ISO DESCRIPTION 1.25x1.5" FB	CUSTOMER PART NUMBER 1-1250-1500	PART DESCRIPTION			CERTIFICATION MILL TEST ASTM B221	

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	0	Apr/07/11	43.7	40.0	16.00	88.3,88.8,88.5	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 2BN751 6061	0.61	0.15	0.20	0.04	0.87	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST REPORT

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511

1.50" X 144.0000"

PART NO. STOCK

PO/Ref 14519

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-010

21Jul11

Pg 1/1



MILL TEST REPORT

TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

BILL TO THYSSENKRUPP MATERIALS, NA	1773	Cert Code: 1	0.61	DIE NUMBER S 4661	DATE OF SHIPMENT 4/28/2011	EXTRUDEX ORDER NO. 133281 — 3	MANIFEST NO. 245400
SHIP TO THYSSENKRUPP MATERIALS, NA	1773	CUSTOMER PO PEC-229584		ALLOY 6061	TEMPER T6511	SALESMAN FRED PARKIN	
SO DESCRIPTION 1.5" SQ		CUSTOMER PART NUMBER 3-1500		PART DESCRIPTION		CERTIFICATION MILL TEST ASTM B221	

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	0	Apr/26/11	42.0	37.4	17.10	86.0, 85.8, 86.2	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 2BN893 6061	0.61	0.19	0.20	0.03	0.88	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST REPORT

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLT BAR ECONOPLT 6061-T6511

500" X 12.00" X 144.5000"

PART NO.

PO/Rel 14519

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-721477-011

21Jul11

Pg 1/2

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA

17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC

2821 LANGSTAFF ROAD

ATTN: ACCOUNT PAYABLE

--

CONCORD, ON - L4K-5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC

2821 LANGSTAFF ROAD

--

CONCORD, ON - L4K5C6

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100346752	2	PEC-231166-2	SAPA416213	1 of 2
			Cert Creation Date	Cert Print Date
			07-JUL-11	07-JUL-11

Quantity Shipped	Date Shipped	Item Description	Specification
1868 LB	07-JUL-11	Extruded ECON-O-PLATE 0.500 TK x 12.000 W SECT 505026 144.500 IN LN FIN M-MILL W/F 7.056 F3 CS 12 6061/T6511 Marking CONTINUOUS:	ASTM B221-REV 08 AMS-QQ-A-200/8 REV ASMESB221 RBV 09
B/L	Item No.		
241481	G03954975		
Delivery Id	Item No. Res		
4224906	--		
Customer/Part No.			
5X12			

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Dave A. Lukasak

Dave A Lukasak

Tech/Quality Manager

07-JUL-11

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG1483077	20812436	11	PCS	940	934
G12-PKG1483078	20812436	11	PCS	940	934

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLT BAR ECONOPLT 6061-T6511

500" X 12.00" X 144.5000"

PART NO.

PO/Rel 14519

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-721477-011

21Jul11

Pg 2/2

Signed by: _____

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number

1100346752

Line No.

2

Customer P/O

PEC-211166-2

Cert Number

SAPA416213

Cert Creation Date

07-JUL-11

Page

Page 2 of 2

Cert Print Date

07-JUL-11

Alloy	Ti		Bi		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.05	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi	Pb	Others Each	Others Total
5026476-US	0.64	0.24	0.23	0.03	0.92	0.04	0.03	0.02				
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi	Pb	Others Each	Others Total
5026478-US	0.69	0.27	0.22	0.05	0.94	0.06	0.03	0.02				

Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Test			--		--		--	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20812436	1	44.3	44.3	41.0	41.0	18.2	18.2

Cert Notes

Products manufactured with a T6511 temper shall meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method.

All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6262 alloy.

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

Melted in the USA or Other Qualified Countries as Defined by DFARS 225.872.1

Made in USA

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

DART AEROSPACE

PO/Ref 14519

BL PEC-721477-012

21Jul11

ALUMINUM PLATE 6061-T651
50" THICK X 24.0000" X 30.0000"
PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Pg 1/1

Page 1 of 1



INSPECTION CERTIFICATE № 11.6637

EN 10204 - 3.1



Consigner: KAMENSK URALSKY METALLURGICAL WORKS				JOINT STOCK COMPANY						
S, Zavodskaya Str., Kamensk Ural'sky, Sverdlovsk Region, 623406, Russia Tel: (3439) 39 52 22 Fax: (3439) 39 50 65										
Customer: Thyssen Krupp Materials NA				Quantity: 2						
Contract number: N12543-S PEC 228201				Net Weight, kg: 400						
Product number:				Specification No: N12543 Lot No: 5 Package No: 714568						
Description of Goods: Plates				Requirements on the Product:						
Grade of Product:		Dimensions, mm/mm		Material conforms to quality of spec: 6061 T651						
		0.8"X86 6"X144.8" 12.700X1838.7X3670.3		Product conforms to all requirements of: AA-AMS4027N;AMS-QQ-A250/11A;ASTM B209-07. This product conforms to European Union RoHS Directive 2002/95/EC						
Mechanical Properties										
The Condition of Tested Standards	Lot Number	Case Number	Number of Tests	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB
				min	max	min	max	min	max	
Required				42.0	-	36.0	-	8.0	-	
	668573	12-292	4	45.5	46.2	42.1	43.7	16.0	18.0	
Chemical Composition, %										
Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr
Required	0.4-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.04-0.38	-	0.25	0.15	-
Contents	0.64	0.28	0.17	0.06	1.0	0.05	-	0.03	0.08	-
Element	Fluorine F	Lead Pb	Tin Sn	Bismuth Bi	Plumbum Pb	Mercury Hg	Cadmium Cd	Other Elements		Al
Required	-	-	-	-	-	-	-	Each	Total	remainder
Contents	-	-	-	-	-	-	-	0.05	0.15	remainder
Other Tests										
Method	Macro-structure	Micro-structure	UT	Electro-conductivity	SOF	Contents, %2 of metals and 100gr	Mercury - Free "Russia is country of melt and manufacture"			
Result	-	-	-	-	-	-				

On behalf

Date:

Inspector

Inspection Department

QAO KUMZ

06.03.11

K.V. Zryanova

N.V. Alekhina



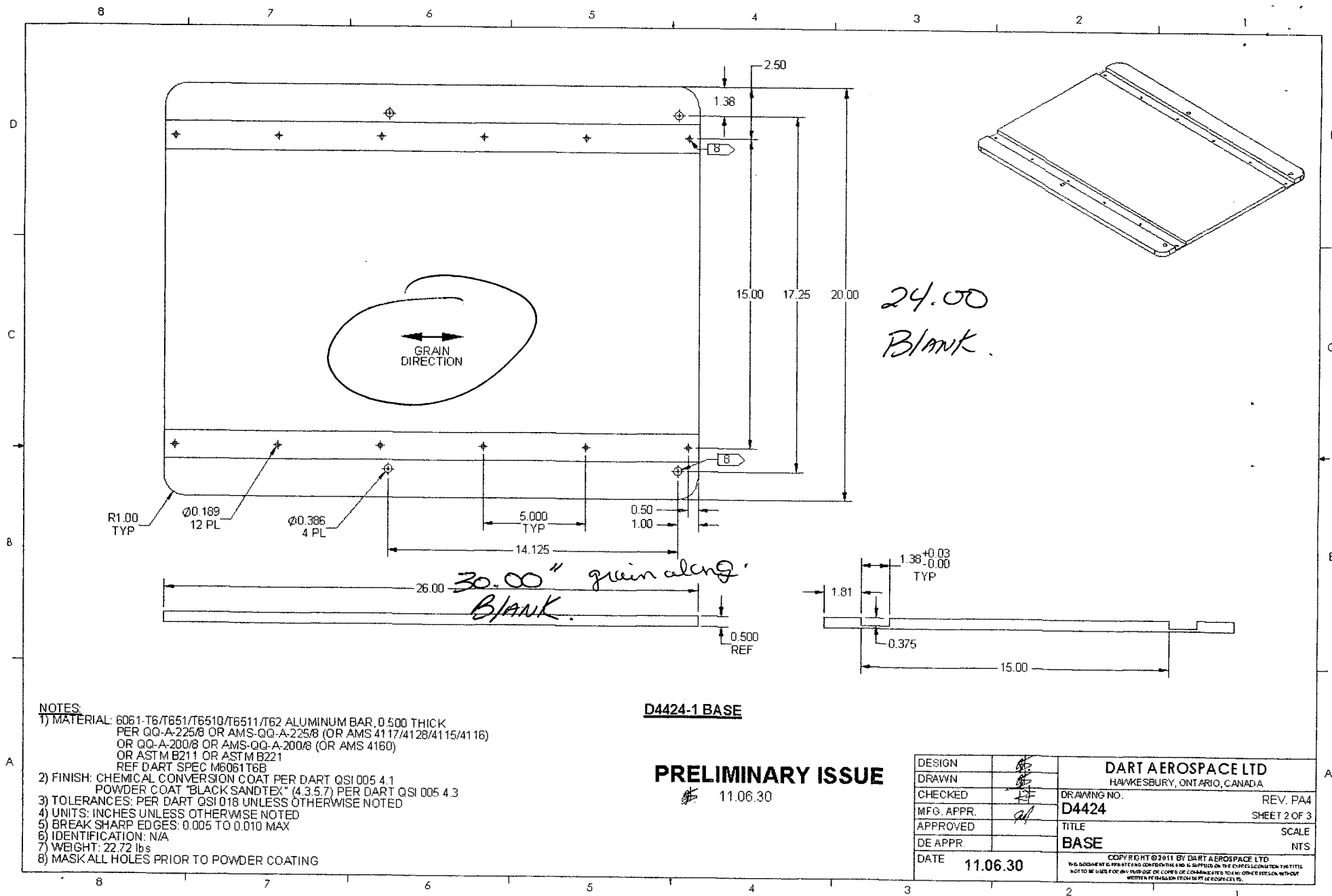
Form № QAO/3-001, Revision 03

file://C:\Documents and Settings\30sal.THYSENNA.006\Local Settings\Temporary Intern... 6/7/2011

TRANSMISSION VERIFICATION REPORT

TIME : 07/19/2011 13:54
NAME :
FAX :
TEL :
SER.# : F9N212739

DATE, TIME	07/19 13:53
FAX NO./NAME	19057389033
DURATION	00:00:56
PAGE(S)	04
RESULT	OK
MODE	STANDARD
	ECM



Q U O T A T I O N

No: PEC ST-351548

Quoted By:

THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Quoted Ship To: (1)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS

Qtd 19Jul11 Qte Ref

Frt PREPAID

Via

FOB

Tel 613-632-9577 Fax 613-632-1053 Ctc CHANTAL

Slp STAN IVERS (905-532-1350)

Q U O T A T I O N

QT No: PEC ST-351548

Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL PLATE 303 HRAP 1 PCS 180 LBS
1.250" THICK X 3.5000" X 144.0000" +
Part No 4-6 DAYS CUT FROM PLATE

<<<----- SPECIFICATIONS ----->>>
Ga Tol + 0.0000 - 0.0000 Pc/Tag 1
WthTol + 0.0630 - 0.0000 Wt/Skd
LthTol + 0.0000 - 0.0000 Ty Pk
MATERIAL 1 PCS @ 1,342.0000 EA 1,342.00
ENERGY & CAP SURCHG 25.0000 LOT 25.00

2 STAINLESS STEEL PLATE 303 HRAP 1 PCS 144 LBS
2.00" THICK X 1.7500" X 144.0000" +
Part No CUT FROM PLATE

<<<----- SPECIFICATIONS ----->>>
Ga Tol + 0.0000 - 0.0000 Pc/Tag 1
WthTol + 0.0630 - 0.0000 Wt/Skd
LthTol + 0.0000 - 0.0000 Ty Pk
MATERIAL 1 PCS @ 1,276.5000 EA 1,276.50

3 STAINLESS STEEL HEX BAR 303CD ✓ 1 PCS 14 LBS
.625" HEX X 144.0000" 12 FT @ 9.1700 FT 110.04
MATERIAL

4 STAINLESS STEEL ROUND BAR 303 STAINLESS ✓ 1 PCS 12 LBS
.625" DIA X 144.0000" 12 FT @ 5.5500 FT 66.60
MATERIAL

5 STAINLESS STEEL ROUND BAR 303 STAINLESS ✓ 5 PCS 90 LBS
.750" DIA X 144.0000" 60 FT @ 3.8600 FT 231.60
Part No STOCK
MATERIAL

6 ALUMINUM SHEET 2024 -T3 ✓ 2 PCS 43 LBS
.0320 Nom X 48.0000" X 144.0000"

Q U O T A T I O N

No: PEC ST-351548

Quoted By:

THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)
DART AEROSPACE

Quoted Ship To: (1)
DART AEROSPACE

Q U O T A T I O N				QT No: PEC ST-351548	
MATERIAL	2 PCS @	148.5000 EA		297.00	
7 STAINLESS STEEL SHEET 304-2B .0360 Nom X 48.0000" X 96.0000"	✓	6 PCS	289 LBS		
MATERIAL	289 LBS @	2.0500 LBS	592.45		
8 STAINLESS STEEL SHEET 304-2B .0300 Nom X 48.0000" X 96.0000"	✓	2 PCS	80 LBS		
MATERIAL	2 PCS @	92.5000 EA	185.00		
9 STAINLESS STEEL SHEET 304-2B .0600 Nom X 48.0000" X 96.0000"	✓	3 PCS	241 LBS		
Part No 4-6 DAYS	✓	3 PCS @	211.5000 EA	634.50	
MATERIAL	1 PCS	1 PCS	46 LBS		
10 STAINLESS STEEL FLAT BAR 304-L HRAP .375" x 3.00" X 144.0000"	✓	1 PCS	12 FT		
MATERIAL	12 FT @	15.2100 FT	182.52		
11 STAINLESS STEEL FLAT BAR 304-L HRAP .625" X 3.00" X 144.0000"	✓	1 PCS	77 LBS		
MATERIAL	12 FT @	23.0300 FT	276.36		
12 ALUMINUM FLAT BAR 6061-T6511 .187" x 4.00" X 240.0000"	✓	1 PCS	18 LBS		
Part No STOCK	✓	20 FT @	1.8900 FT	37.80	
MATERIAL	4 PCS	4 PCS	283 LBS		
13 ALUMINUM FLT BAR ECONOPLT 6061-T6511 .500" X 10.00" X 144.5000"	✓	48 ' 2.0000 "	48 ' 2.0000 "		
Part No STOCK	✓	48 ' 2.0000 " @	12.7999 FT	616.53	
MATERIAL	1 PCS	1 PCS	22 LBS		
14 ALUMINUM FLAT BAR 6061-T6511 .625" x 2.50" X 144.0000"	✓	1 PCS	12 FT		
Part No STOCK	✓	12 FT @	3.8500 FT	46.20	
MATERIAL	2 PCS	2 PCS	113 LBS		
15 ALUMINUM FLAT BAR 6061-T6511 1.00" x 4.00" X 144.0000"	✓	24 FT	24 FT		
Part No STOCK	✓	24 FT @	9.8900 FT	237.36	
MATERIAL	1 PCS	1 PCS	26 LBS		
16 ALUMINUM FLAT BAR 6061-T6511 1.250" x 1.50" X 144.0000"	✓	1 PCS	12 FT		
Part No STOCK					

Q U O T A T I O N

No: PEC ST-351548

Quoted By:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)
 DART AEROSPACE

Quoted Ship To: (1)
 DART AEROSPACE

===== Q U O T A T I O N =====				OT No: PEC ST-351548	
MATERIAL	12 FT @				
17 ALUMINUM SQUARE BAR 6061-T6511		1 PCS		32 LBS	
1.50" X 144.0000"				12 FT	
Part No STOCK					
MATERIAL	12 FT @	5.7400 FT		68.88	
18 ALUMINUM SHEET 6061 T6		2 PCS		135 LBS	
.1000 NOM X .48 X 144.0000"					
Part No 4-6 DAYS A.R.O					
MATERIAL	2 PCS @	215-80007EA		431.60	

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

Price in effect at time of shipment.

Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

* WE STOCK STAINLESS STEEL!!!! * *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.***

Order Totals:				18 Items	1845 LBS
Material	Processing	Freight	Other	Taxes	ORDER AMT
6,687.54			25.00	872.66	7,585.20

Taxes: ONHSTS	872.66	0.00		0.00	0.00

M303B 1.250 X 3.5" X 12 ft ~~M303B 2.000 X 1.750 X 12 ft~~

M1010B0.500X03.000	8.16	0	49.3	12
M1010B1.000X02.000	2.37	0	14.1	6
M1010R0.375	2.857894737	0	8.86	0
M1018R1.250	1.03E-02	0	38.649	0
M1018TR1.250W.109	3.684210526	0	14.21	0
M12883/45-01	2	0	4	4
M174B0.500X02.000	2.030847368	0	51.72	20
M174B1.250X02.000	15.09185683	0	31.392	20
M174B1.500X02.250	2.844777895	0	30.9603	20
M174B2.000X01.500	2.412105263	0	9	12
M174PH-H900B3.937X4.750	15.00432316	0	17	8
M174PH-H900R1.000	83.49518592	0	32.7	4
M174PH-H900R1.375	90.88784211	0	24.497	4
M2024T3A.750X.750X.063W	0.397210526	0	23.933	0
M2024T3A0.750X0.750X.040	23.98631579	0	9.46	0
M2024T3A1.0 X 1.0 X.125	0.2	0	9.25	0
M2024T3A1.50X2.00X.125	3.16E-07	0	11.5	0
M2024T3S.032	32.23344221	0	105.9	64 645F
M2024T3S.040	287.0617842	0	202.568421	64
M22759/16-229	1.211594737	0	200	100
M2650-6	27.84286749	0	51.25	30
M303B0.500X0.500	1.219221053	0	10.6	6
M303B1.000X03.000	7.255	0	18.24	8
M303B1.000X2.000	1.828519474	0	12.1929	6
M303B1.500X03.000	0.121647368	0	14.8	6
M303B2.000X1.750	5.279381053	0	5.124	10 12
M303H0.625	0.315789474	0	0	0 12
M303R0.313	6.14E-02	0	20.15	12
M303R0.375	5.193631579	0	29.701	12
M303R0.625	6.746315789	0	9.2	6 12
M303R0.750	105.0821581	0	75.47	60 X 60
M304B0.250X0.500	89.78978947	0	322.1147	60
M304B0.500X2.500	386.3717105	0	20.775	12
M304B1.000X1.000	0.756834217	0	9.2936	6
M304B1.500X1.500	0.051772891	0	11.67	6
M304EX0.75-16F	592.1115074	0	817.5924	192
M304R.250	0.197908474	0	10.042736	12
M304R.500	3.295263158	0	43.56	24
M304R1.00	8.210526316	0	0	0
M304R1.250	3.72E-02	0	44.89	12
M304RO.750	54.64731579	0	50.273	24
M304S12GA	61.80530015	0	144.8	32
M304TR0.375W.035	2.031578947	0	24.25	6
M304TR0.375W.065	8.72E-02	0	10	12 100 PTD
M304TR0.500W.035	21.53352789	0	127.037528	80
M304TR0.750W.065	14.84436316	0	31.5	24
M304TR1.000W.049	4.265768105	0	28.133684	24

M304S202A X 192SF

M304S228A X 645F

M304S162A X 965F

M316TR 1.000W.120 X 24 ft

M304TR 0.750W.120 X 24 ft

M304B6.375X3.000 X 126ft ✓

~~M304B6.375X3.000 X 126ft~~ ✓

M304TR0.750X049weld X 100ft

M304TR0.750X065weld X 100ft

M304TR0.750X.120 weld X —

M6061T6B 187X64000 X-208t ✓

M304TR1.125W.065	0.342105263	0	15.5	12
M304TS0.500W.049	23.08017538	0	673.8025	200
M304TS0.750W.049	63.8567905	0	408.568709	120
M4130NB0.500X03.000	145.4173684	0	47.25	40
M4130NR0.375	0.293157895	0	9.75	0
M4130NR0.750	8.74E-02	0	10.62	6
M4130NS.100	1.87E-02	0	0	0
M4130NT0.500W.049	10.08842105	0	45.44	10
M4130NT0.750W.049	77.61531579	0	52	30 30
M4130NT1.000W.049	1.120723684	0	20.96	12
M4130NT1.000W.120	2.369263158	0	74	12
M4140N-B1.500X1.5000	0.1275	0	-1.78E-15	6
M6061T6A.750W0.625	1	0	0	0
M6061T6A1.000W.125	18.88032159	0	25.38	0
M6061T6A4.000W.250	6.309968421	0	40	12
M6061T6B0.250X06.000	9.700368421	0	25.5	12
M6061T6B0.375X00.750	3.792363158	0	28.15	12
M6061T6B0.375X01.250	0.555357895	0	20.1602	12
M6061T6B0.375X03.000	0.377878947	0	14.18	6
M6061T6B0.500X05.000	49.51529474	0	35.135	12
M6061T6B0.500X06.000	21.56024211	0	34.75	24
M6061T6B0.500X10.000	55.56244211	0	39.1249	24 408t
M6061T6B0.625X02.500	10.64577895	0	9.83	8 128t
M6061T6B0.750X00.250	9.827368421	0	16.292	12
M6061T6B0.750X00.750	0.495522109	0	13.851	24
M6061T6B0.750X01.500	47.65377111	0	63.5746	24
M6061T6B0.750X03.000	5.566563158	0	49.58	20
M6061T6B00750X00.125	43.35935263	0	85.75	80
M6061T6B1.000X02.000	16.66269474	0	56.75	40
M6061T6B1.000X02.500	7.34E-02	0	33.76	12
M6061T6B1.000X04.000	55.04502632	0	26.31	12 24
M6061T6B1.000X06.000	2.325987994	0	12.5	6
M6061T6B1.000X12.000	19.78970526	0	18.5	12
M6061T6B1.000X15.000	1.840526316	0	12.2	24
M6061T6B1.250X04.500	2.228263684	0	11.5167	12
M6061T6B1.500X01.250	9.798721047	0	19.2078	12 12
M6061T6B2.000X01.250	6.71139471	0	15.81763158	20
M6061T6B2.000X03.500	1.956378947	0	12.7284	12
M6061T6B2.000X04.500	2.495783684	0	11	6
M6061T6B2.500X01.500	3.006329474	0	36	12
M6061T6B2.500X03.500	1.039034268	0	13.6	8
M6061T6B30000X01.500	1.109010947	0	21.008	20
M6061T6H1.000	2.441789474	0	10.918	12
M6061T6R0.625	59.19591053	0	57.49	30
M6061T6R0.750	19.60962105	0	51.483	40
M6061T6R0.875	0.452631579	0	10.6	0
M6061T6R1.000	11.35055789	0	52.303	12

M6061T6B1.500 X 1.500 X 12 ✓

M6061T6R1.250	2.317360526	0	42	12
M6061T6R3.500	0.834894737	0	8.697	8
M6061T6T0.250W.035	1.05E-07	0	6.75	10
M6061T6T0.3125W.058	6.905190832	0	82.539	100 200ft
M6061T6T0.375W.035	8.794183516	0	225.81	100
M6061T6T0.375W.058	58.73274211	0	185.548	100
M6061T6T0.500W.049	7.774232053	0	319.351211	100
M6061T6T0.500W.058	91.16157895	0	195.8	80
M6061T6T0.625W.049	11.36842105	0	9.16	10 40ft
M6061T6T1.000W.188	43.34257161	0	86.522368	40
M6061T6T1.500W.125	3.026315789	0	34.5	12
M6061T6T1.750W.065	1.956842105	0	29.415	12
M6061T6T3.500W.375	10.28941579	0	13.2631	12
M6061T6T5.000W.125	9.923678947	0	20	6
M6061T6TR4.0X2.0W125	19.60420526	0	10.699	6
M6061T6TS0.750W.062	53.60650053	0	208.11119	100
M7075T6B1.000X1.000	0.492284592	0	12	10
M7075T6B1.500X1.500	0.221021053	0	16	6
M7075T73B4.000x4.000	8.821405263	0	26.8665	6
M7075T73R1.000	5.837894737	0	34.09	6
M7885/2-4-3	12	0	542	80
M7885/3-4-4	14	0	333	100
M7885/3-4-5	2	0	179	50
M81714/2-DC1	2	0	4	4
M81714/2-DD2	1	0	4	4
M83536/2-024	1	0	4	4
MBRONZR1.250	5.26E-02	0	1.1	0
MDELINB0.250X01.000	2.4	0	11.2	6
MDELINB0.75X1.250	3.590510526	0	12.4948	12
MDELINB1.000X05.000	0.59	0	8	0
MDELINB1.250X2.500	1.502	0	7	6
MDELINB2.000X02.000	3.655015793	0	15	6
MDELINR0.750	63.99777368	0	42.798	24
MDELINR1.500	4.05E-04	0	10	6
MDELINR2.000	0.119473684	0	18.2	10
MLEXS.093-F6006-02	60.29917738	0	771.95158	200
MLEXS.118-90318-08	15.38889579	0	2044.20578	108

M6061T6S.100 X 645F

Mdelrin Round Bar 1." x 16ft

Mdelrin Round Bar .750" x 48ft

Q U O T A T I O N

No: PEC ST-351548

Quoted By:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)
 DART AEROSPACE

Quoted Ship To: (1)
 DART AEROSPACE

Q U O T A T I O N				QT No: PEC ST-351548
MATERIAL	12 FT @	4.5500 FT		54.60
17 ALUMINUM SQUARE BAR 6061-T6511		1 PCS		32 LBS
1.50" X 144.0000"				12 FT
Part No STOCK				
MATERIAL	12 FT @	5.7400 FT		68.88
18 ALUMINUM SHEET 6061 T6		2 PCS		135 LBS
.1000 Nom X 48.0000" X 144.0000"				
Part No 4-6 DAYS A.R.O				
MATERIAL	2 PCS @	215.8000 EA		431.60
19 ALUMINUM FLT BAR ECONOPLT 6061-T6511		4 PCS		340 LBS
.500" X 12.00" X 144.5000"			48 ' 2.0000 "	
MATERIAL	48 ' 2.0000 " @	15.3199 FT		737.91
20 ALUMINUM PLATE 6061-T651		1 PCS		35 LBS
.50" THICK X 24.0000" X 30.0000"				
GRAIN DIRECTION TO RUN ALONG THE 30.00 DIM				
MATERIAL	1 PCS @	142.5000 EA		142.50

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

Price in effect at time of shipment.

Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.***

Order Totals:				20 Items	2220 LBS
Material	Processing	Freight	Other	Taxes	ORDER AMT
7,567.95			25.00	987.12	8,580.07
Taxes: ONHSTS	987.12	0.00		0.00	0.00

07/19/11
03:45 PM EDT

STELfax

From: THYSSENKRUPP MATERIALS NA
STAN IVERS
Tel: 905 669 9444
Fax: 9057389033

To: DART AEROSPACE
Attn: 96294
Tel: 613-632-9577
Fax: 613-632-1053
Number of Pages: 3

Subject: Sales Acknowledgement

19Jul11 15:44 S A L E S A C K N O W L E D G M E N T No: PEC ST-351948
 Sold By:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

===== S A L E S A C K N O W L E D G M E N T SO No PEC ST-351948
 Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice
 =====

9 ALUMINUM FLAT BAR 6061-T6511	1 PCS	26 LBS
1.250" x 1.50" X 144.0000"		12 FT
Part No STOCK		
MATERIAL	12 FT @ 4.5500 FT	54.60

10 ALUMINUM SQUARE BAR 6061-T6511	1 PCS	32 LBS
1.50" X 144.0000"		12 FT
Part No STOCK		
MATERIAL	12 FT @ 5.7400 FT	68.88

11 ALUMINUM FLT BAR ECONOPLT 6061-T6511	4 PCS	340 LBS
.500" X 12.00" X 144.5000"		48 ' 2.0000 "
MATERIAL	48 ' 2.0000 " @ 15.3199 FT	737.91

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **

*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Order Totals:				12 Items	1,298 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
3,035.40			25.00	397.87	3,458.27

Taxes: ONHSTS		397.87			

07/20/11
11:10 AM EDT

STELfax

From: THYSSENKRUPP MATERIALS NA
STAN IVERS
Tel: 905 669 9444
Fax: 905 738 9033

To: DART AEROSPACE
Attn: 96294
Tel: 613-632-9577
Fax: 613-632-1053
Number of Pages: 2

Subject: Sales Acknowledgement

20Jul11 11:09 S A L E S A C K N O W L E D G M E N T No: PEC ST-352182

Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: (1)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS

Frt PREPAID

Con 96294

Slp STAN IVERS (905-532-1350)

Ord 20Jul11 Due25Jul11

Via VIM TRANSFER TRUCK FOB CINCORD

PO/Rel 14519

Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO No PEC ST-352182

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 ALUMINUM SHEET 2024 -T3 .0320 Nom X 48.0000" X 144.0000" MATERIAL	2 PCS @ 148.5000 EA	43 LBS 297.00
2 STAINLESS STEEL FLAT BAR 304-L HRAP .375" x 3.00" X 108.7500" MATERIAL	1 PCS @ 15.2099 FT	35 LBS 137.84
3 ALUMINUM SHEET 6061 T6 .1000 Nom X 48.0000" X 144.0000" MATERIAL	2 PCS @ 215.8000 EA	135 LBS 431.60

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **

*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Order Totals: 3 Items 213 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
866.44				112.64	979.08

ONHSTS 112.64

1 Last

Purchase Order Receipt Listing

Page 1 of 2

Friday, July 22, 2011 11:21:04 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO14519 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO14519	2		M303R0.625	f	7/22/2011	7/22/2011	12.0000	\$5.55	0.0000	0	\$66.60
CAD	No		303 Round Bar 0.625"	f	12.0000	DESJ02		\$66.60	0.0000	0	
			118400								
	5		M303R0.750	f	7/22/2011	7/22/2011	60.0000	\$3.86	0.0000	0	\$231.60
	No		303 Round Bar 0.750	f	60.0000	DESJ02		\$231.60	0.0000	0	
			118400								
	5		M304S20GA	sf	7/22/2011	7/22/2011	192.0000	\$3.09	0.0000	0	\$592.45
	No		304/316 .040 Sheet	sf	192.0000	DESJ02		\$592.45	0.0000	0	
			118400								
	6		M304S22GA	sf	7/22/2011	7/22/2011	64.0000	\$2.97	0.0000	0	\$190.00
	No		304/316 .032 Sheet	sf	64.0000	DESJ02		\$190.00	0.0000	0	
			118400								
	10		M6061T6B0.187X04. f		7/22/2011	7/22/2011	20.0000	\$1.89	0.0000	0	\$37.80
	No		000								
			6061-T6 Bar .187 x 4.00	f	20.0000	DESJ02		\$37.80	0.0000	0	
			118400								
	11		M6061T6B0.500X12. f		7/22/2011	7/22/2011	48.0000	\$15.32	0.0000	0	\$735.36
	No		000								
			6061-T6 Bar .500 x 12.00	f	48.0000	DESJ02		\$735.36	0.0000	0	
			118400								
	12		M6061T6B0.625X02. f		7/22/2011	7/22/2011	12.0000	\$3.85	0.0000	0	\$46.20
	No		500								
			6061-T6 Bar .625 x 2.50	f	12.0000	DESJ02		\$46.20	0.0000	0	
			118400								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name		VC-COP001 Thyssenkrupp Materials CA Ltd									
PO14519	13		M6061T6B1.000X04. f 000		7/22/2011	7/22/2011	24.0000	\$9.89	0.0000	0	\$237.36
CAD	No		6061-T6 Bar 1.00 x f 4.00 118400		24.0000	DESJ02		\$237.36	0.0000	0	
	14		M6061T6B1.500X01. f 250		7/22/2011	7/22/2011	12.0000	\$4.55	0.0000	0	\$54.60
	No		6061-T6 Bar 1.50 x f 1.25 118400		12.0000	DESJ02		\$54.60	0.0000	0	
	15		M6061T6B1.500X01. f 500		7/22/2011	7/22/2011	12.0000	\$5.74	0.0000	0	\$68.88
	No		6061-T6 Bar 1.50 x f 1.50 118400		12.0000	DESJ02		\$68.88	0.0000	0	
	17		M6061T6B0.500X24. f 000		7/22/2011	7/22/2011	2.5000	\$57.00	0.0000	0	\$142.50
	No		6061-T6 BAR .500" f X 24.000" 118400		2.5000	DESJ02		\$142.50	0.0000	0	
											-
											-
											Total Received Quantity:
											458.5000
											Total Qty to Inspect (PO U/M):
											0.0000
											Total Reject Quantity:
											0.0000
											Total Receipt Value:
											\$2,403.35
											Total Balance Due Quantity:
											0.0000